



TWC/29/28

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INTERNATIONAL UNION FOR THE PROTECTION OF NEW VARIETIES OF PLANTS
GENEVA

**TECHNICAL WORKING PARTY ON AUTOMATION AND
COMPUTER PROGRAMS**

**Twenty-Ninth Session
Geneva, June 7 to 10, 2011**

SURVEY ON HAND-HELD DATA CAPTURE DEVICES

Document prepared by the Office of the Union

1. At its twenty-sixth session held in Jeju, Republic of Korea, from September 2 to 5, 2008, the Technical Working Party on Automation and Computer Programs (TWC) agreed that a questionnaire on the use of data-loggers for data recording in DUS trials should be sent to TWC experts. On May 11, 2009, Circular E-998 was issued to the TWC with a summary of information provided by TWC participants at the twenty-sixth session of the TWC. TWC experts were requested to verify the information contained in the summary and to provide additional information as appropriate.
2. At its The twenty-eighth session, held in Angers, France, from June 29 to July 2, 2010, the TWC noted the information provided in document TWC/28/34 and agreed that a circular should be sent by Office of the Union, inviting further entries in advance of the twenty-ninth session of the TWC.
3. On May 27, 2011 the Office of the Union issued circular E-1584 requesting updates on hand held data capture devices. The following table contains the information submitted in the replies to this circular.

SURVEY ON HAND-HELD DATA CAPTURE DEVICES*

Member of the Union	Contact details	Hand-held data capture device used	Type of operating system	Application by user(s)
Czech Republic	David HAMPEL, Biometrician, Central Institute for Supervising and Testing in Agriculture, (CISTA), National Plant Variety Office, Hroznova 2, 656 06 Brno. tel.: +420 543 548 251 fax: +420 543 212 440 e-mail: david.hampel@ukzuz.cz	PSION Workabout mx	EPOC (Symbian) OVAL program	DUS
Denmark	Erik Lawaetz, DUS Scientist, The Danish Plant Directorate, Department of Variety Testing, Teglværksvej 10, DK-4230 Skælskør, Denmark	Unitech PA950 Unitech PA600 Unitech PA962 with UMTS network Datalogic Memor	Excel / WindowsMobil 5.0 Excel / WindowsMobil 5.0 Excel / WindowsMobil 5.0 Excel / WindowsMobil 5.0	DUS DUS DUS / VCU DUS
France	Christophe CHEVALIER, Groupe d'étude et de contrôle des variétés et des semences (GEVES), rue G. Morel, F-49071 Beaucouze Cedex. tel. : + 33 2 41 22 86 36 fax : +33 2 41 22 58 01 e-mail: christophe.chevalier@geves.fr Vincent GENSOLLEN, Groupe d'étude et de contrôle des variétés et des semences (GEVES) La Valette, 711 rue J.F. Breton, F-34090 Montpellier, tel.: +33 4 67 04 35 85 fax: +33 4 67 63 37 58 e-mail: vincent.gensollen@geves.fr	Panasonic Touchbook CF 19 Panasonic Touchbook CF U1 ITRONIX	SRIUS: Hand data CMP IODR developed by GEVES. SIRIUS is used in the following crops: Sorghum, sugar beet, maize, wheat, barley, oat, oilseed rape, sunflower, triticale, peas.	VCU and DUS

* Additional information from replies to Circular E-1584 is reproduced in highlighted text

Member of the Union	Contact details	Hand-held data capture device used	Type of operating system	Application by user(s)
Germany	Uwe MEYER, Referatsleiter Informationstechnologie, Referat 111, Bundessortenamt, Postfach 61 04 40, 30604 Hannover, tel.: +49 511 9566 689 fax: +49 511 563 362 e-mail: uwe.meyer@bundessortenamt.de	PSION Workabout mx and PSION Workabout mx PRO	EPOC (Symbian) C- and OPL-programs Windows Mobil 6.0 C- and Pocket Excel	VCU and DUS
		PNT 1800 Designated replacement in 2011/2012	WinCE C-Easy programs	DUS
Netherlands	Jan Kees Schipper, DUS scientist, Naktuinbouw, Varieties and Trials, Postal address, PO Box 7, 6710BA Ede Visiting address, Binnenhaven 1, 6709PD Wageningen. Tel. +31 (0)6 46713133 Fax +31 (0)317 411721 e-mail: j.k.schipper@naktuinbouw.nl	Itronics Gobook Q.100 LXE- MX7	Excel Windows CE 2L field (Linx Mobile Solutions)	DUS
Poland	Wieslaw PILARCZYK, Expert Statistician, Research Center for Cultivar Testing (COBORU), PL-63-022 Slupia Wielka, tel.: +48 61 285 2341 Ext. 224 fax: +48 61 285 35 58, e mail: wpilar@au.poznan.pl	PSION Workabout mx	EPOC OPL-programs	DUS VCU
		Palmtop PC/ Tablet PC	Windows CE	
Republic of Korea	Mi-Hee Yang, Examiner, Senior Researcher, Korea Seed & Variety Service, MIFAFF, e-mail: mh730@seed.go.kr	Fujitsu P Series Lifebook with wireless network system of HSDPA		

Member of the Union	Contact details	Hand-held data capture device used	Type of operating system	Application by user(s)
United Kingdom	<p>Adrian M.I. ROBERTS, Biomathematics & Statistics Scotland (BioSS), James Clerk Maxwell Building, The King's Buildings, Edinburgh EH9 3JZ, tel.: +44 131 650 4893 fax: +44 131 650 4901 e-mail: adrian@bioss.ac.uk</p> <p>Sally WATSON (Mrs.), Biometrics Branch, Agri-Food & Biosciences Institute, 18a, Newforge Lane, Belfast BT9 5PX, tel.: +44 28902 55 292 fax: +44 28902 55 008 e-mail: sally.watson@afbini.gov.uk</p>	Itronix		DUS
	Haidee Philpott, NIAB, Huntingdon Road, Cambridge. CB3 0LE, tel: +44 1223 342258 e-mail: Haidee.philpott@niab.com	Psion Workabout PRO Psion vehicle mounted 8515	'In house' developed system using: Microsoft® Windows® CE 5.0, Microsoft® Windows® Mobile® 6 Classic and Professional	DUS

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